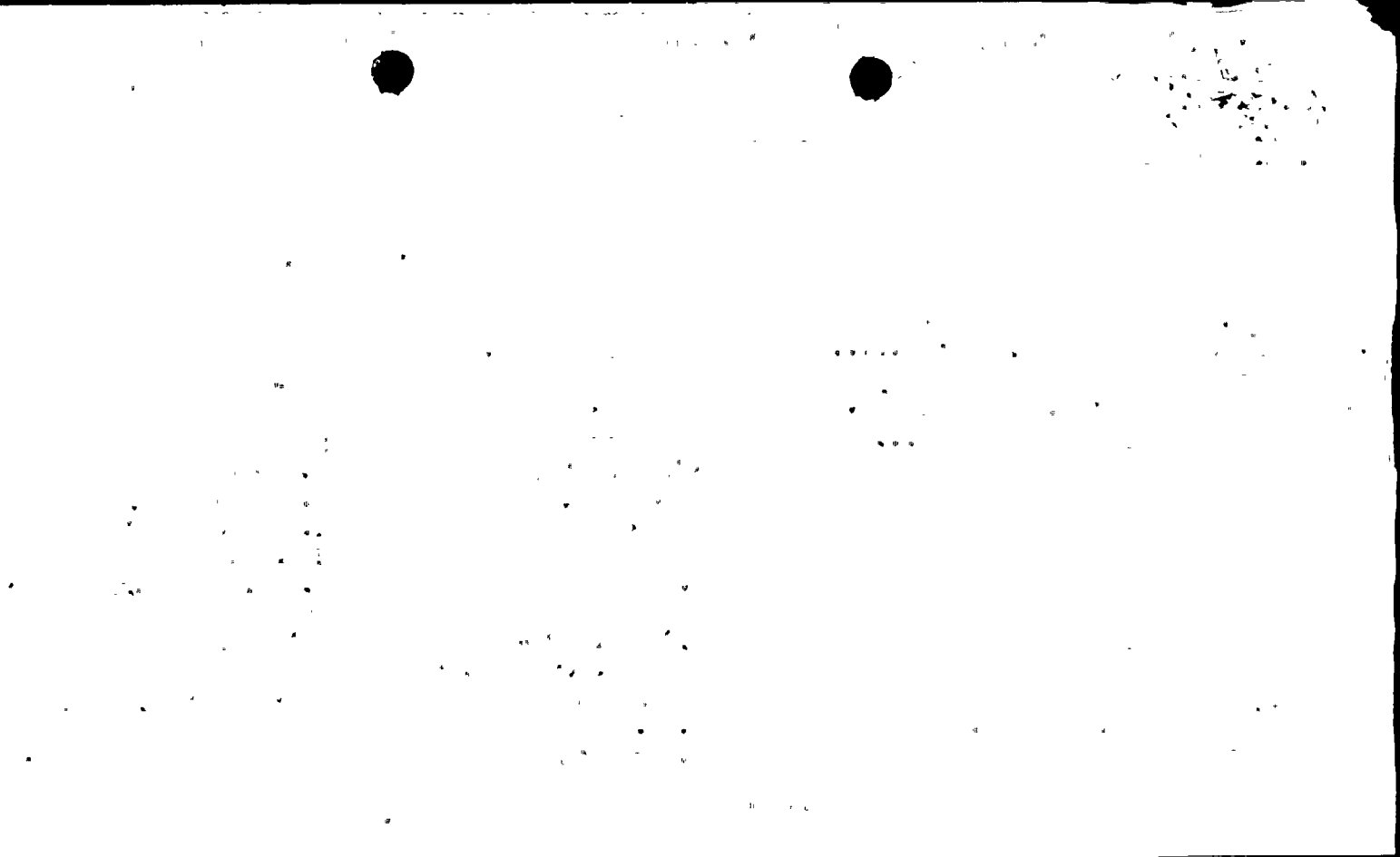


FROM: Pacific Gas & Electric Company San Francisco, California 94101 John F. Donner		DATE OF DOCUMENT 11-4-71	DATE RECEIVED 11-5-71	NO.: 4835
TO: R. L. Ferguson		LTR.	MEMO:	REPORT:
CLASSIF.: U		ORIG.: 1	CC:	OTHER: TWX
POST OFFICE REG. NO:		ACTION NECESSARY <input type="checkbox"/> CONCURRENCE <input type="checkbox"/> DATE ANSWERED:		
DESCRIPTION: (Must Be Unclassified) TWX re <u>SHOW CAUSE</u> answering questions rec'd orally fm AEC staff member..... Submitted as Supplement to <u>SHOW CAUSE</u> Statement of PG&E required by Par E.3		NO ACTION NECESSARY <input type="checkbox"/> COMMENT <input type="checkbox"/> BY:		
ENCLOSURES: of 10CFR50, Appendix D....		FILE CODE: 50-275 · 50-323 (ENVIRO FILE)		
REMARKS: (Holding 3 cys for ACRS) (Local PDR - San Luis Obispo, Calif) (PDR - SAN - IA)		REFERRED TO Miller w/4 cys for ACTION	DATE 11-5-71	RECEIVED BY Do Not Remove
		DISTRIBUTION: → Reg File (2) AEC PDR (2) Compliance (2) Boyd/Grimes Beck/Mann G. Blanc Felton OGC Rm P-506-A		DeYoung H. Denton C. Miles GT J. Totter GT J. DiNunno GT W. Williams GT DTIE (Laughlin) NSIC (Buchanan)
		Morris/Schroeder/ L. Rogers E. G. Case L. Johnson	TR Wilson Thornton ASLB Mr. Yore	H St rht
			4835	

U. S. ATOMIC ENERGY COMMISSION

MAIL CONTROL FORM

FORM AEC-328  
(8-60)



TWX INCOMING

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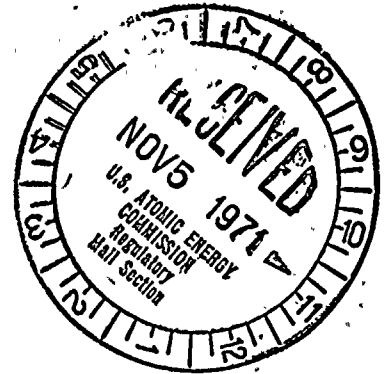
NOVEMBER 4, 1971

Regulatory File Cy.

1971 NOV 4 PM 7 43

U.S. ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C.

U.S. ATOMIC ENERGY COMM.  
TWX UNIT



ATTENTION MR. R. L. FERGUSON

BEFORE THE UNITED STATES ATOMIC ENERGY COMMISSION

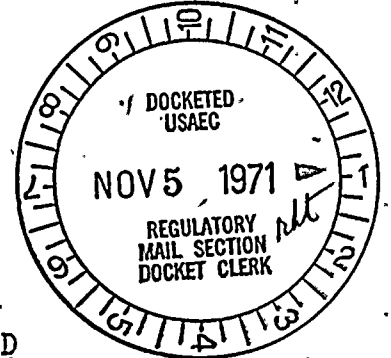
IN THE MATTER OF

DOCKET NOS. 50-275

PACIFIC GAS AND ELECTRIC COMPANY

50-323

DIABLO CANYON UNITS 1 AND 2



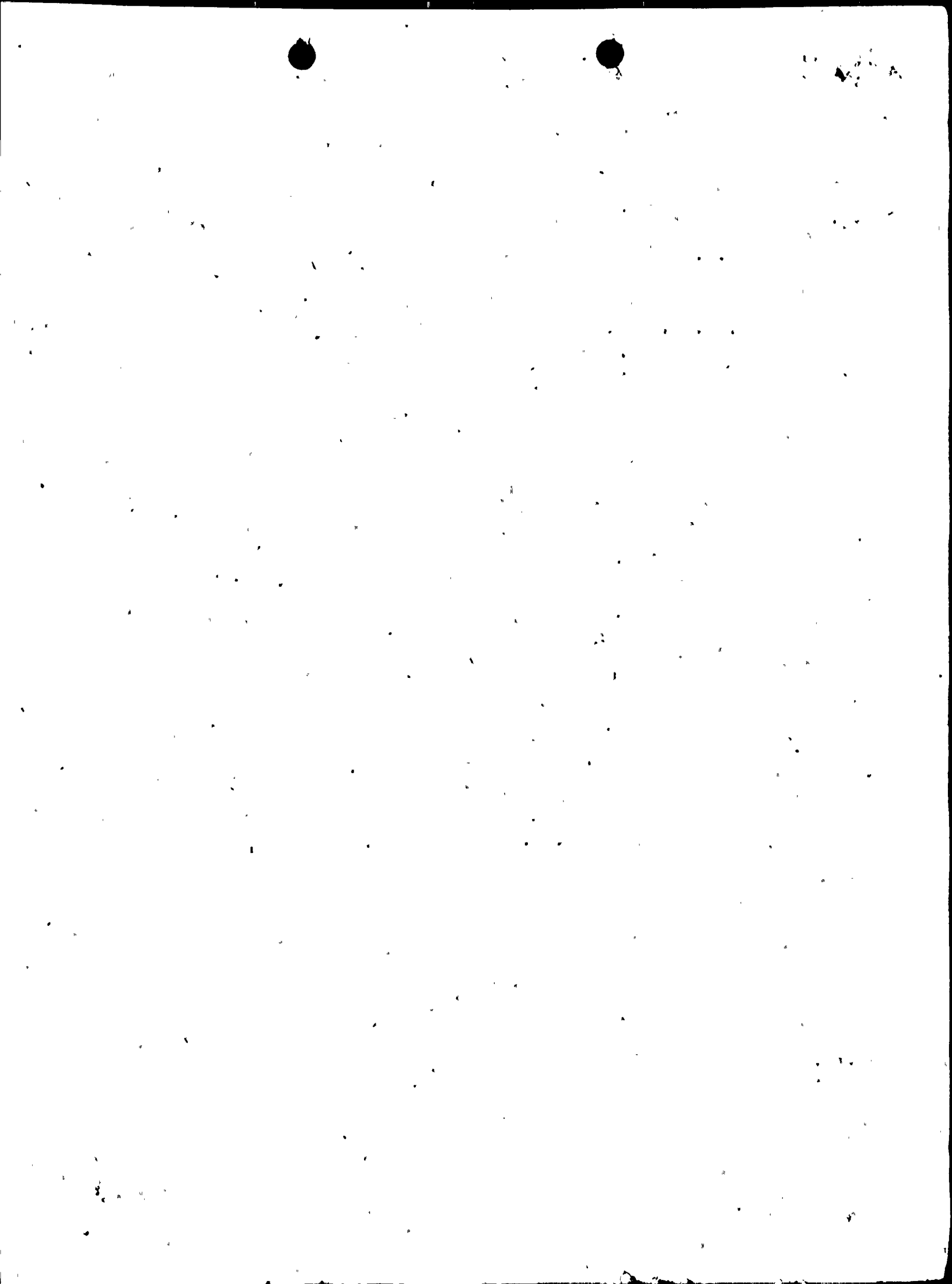
SUPPLEMENT TO STATEMENT OF  
PACIFIC GAS AND ELECTRIC COMPANY  
REQUIRED BY

PARAGRAPH E. 3. OF 10 CFR 50, APPENDIX D.

THIS SUPPLEMENT TO THE STATEMENT PREVIOUSLY FURNISHED  
BY PACIFIC GAS AND ELECTRIC COMPANY IN ACCORDANCE WITH PARAGRAPH  
E. 3. OF APPENDIX D TO 10 CFR 50 IS SUBMITTED TO ANSWER QUESTIONS  
RECEIVED ORALLY FROM A MEMBER OF THE AEC STAFF.

- 1. WHAT IS THE STATUS OF THE 500 KV LINES TO  
GATES SUBSTATION

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APPROXIMATELY 83.2% OF THE RIGHT-OF-WAY FOR THE

DIABLO-GATES TRANSMISSION LINE HAS BEEN ACQUIRED. 66.6 MILES OF THIS 80-MILE LONG LINE HAVE BEEN RELEASED FOR CONSTRUCTION, AND EXCAVATION OF THE FOUNDATIONS FOR 30 TOWERS HAS BEEN COMMENCED. THE AMOUNT OF CLEARING AND ROAD CONSTRUCTION ACCOMPLISHED IS SET FORTH IN ANSWER TO QUESTION 3.

2. WHAT IS THE STATUS OF THE 10-MILE TAP TO THE 230 KV STATION AT DIABLO CANYON?

THE FIRST CIRCUIT OF THIS TWIN CIRCUIT TOWER LINE WAS ENERGIZED ON APRIL 9, 1970. THE SECOND CIRCUIT WAS COMPLETED ON SEPTEMBER 15, 1971 AND WILL BE ENERGIZED IN NOVEMBER 1971.

3. HOW MUCH OF THE TRANSMISSION LINES RIGHTS-OF-WAY HAVE BEEN CLEARED, AND WHAT IS THE STATUS OF THE CONSTRUCTION ROADS?

SIXTY-SIX MILES OR 79% OF THE DIABLO-MIDWAY LINE HAS BEEN CLEARED, AND 110 MILES OR 91% OF THE CONSTRUCTION ROADS HAVE BEEN COMPLETED. FIFTY-TWO MILES OR 65% OF THE DIABLO-GATES LINE HAS BEEN CLEARED, AND 96 MILES OR 76% OF THE CONSTRUCTION ROADS HAVE BEEN COMPLETED. THE PORTIONS OF THE RIGHTS-OF-WAY

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TO BE CLEARED CONTAIN MOSTLY BRUSH AND VERY FEW TREES. THUS,

IT IS CLEAR THAT THE MAJOR IMPACT ON THE ENVIRONMENT

OF THIS WORK HAS ALREADY OCCURRED.

4. WHAT IS THE STATUS OF THE DIABLO CANYON TRANSMISSION LINE PROCEEDING NOW PENDING BEFORE THE CALIFORNIA PUBLIC UTILITIES COMMISSION.

THE MATTER HAS BEEN SUBMITTED AND WE ARE WAITING

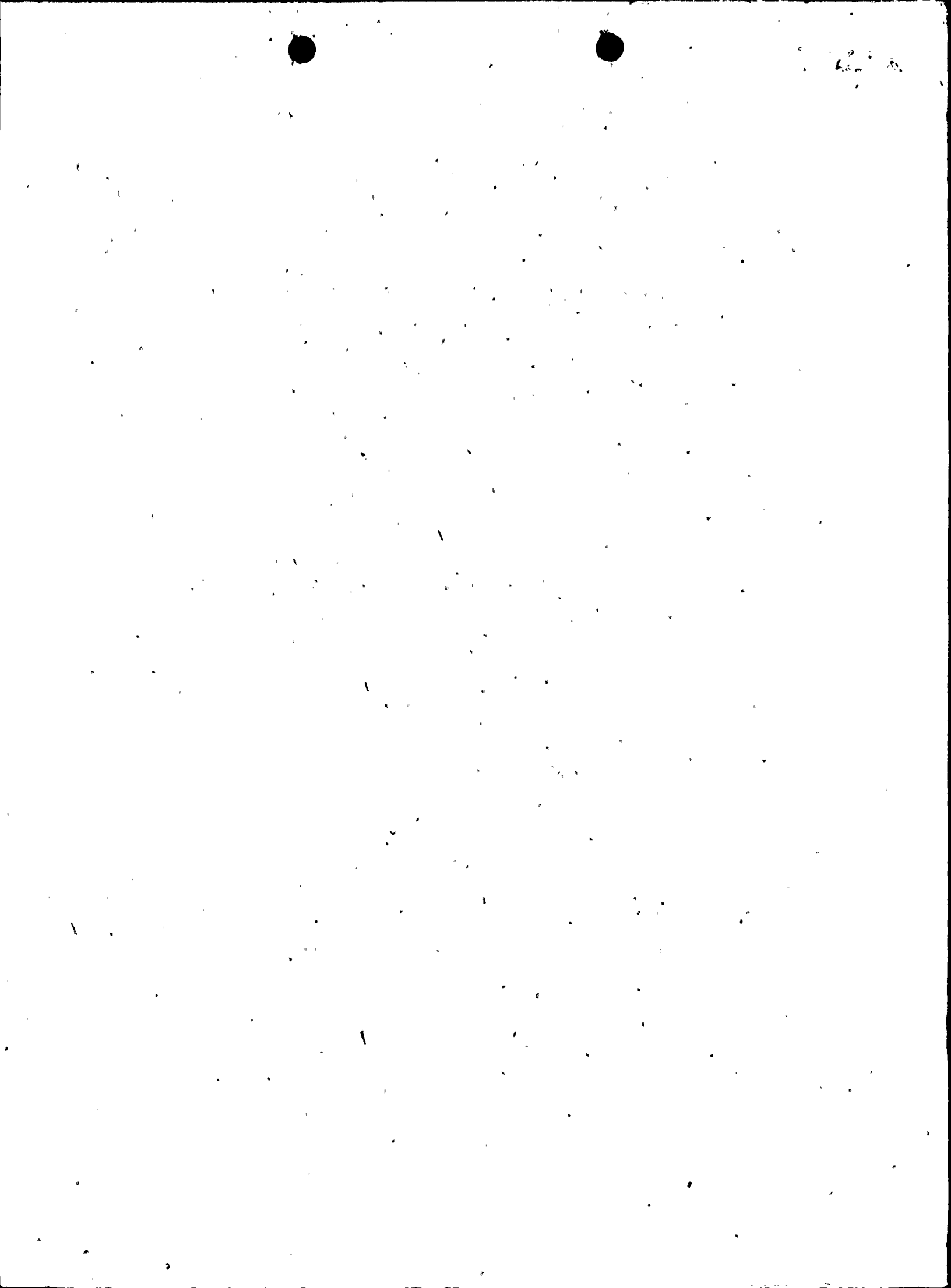
FOR A DECISION.

5. WHAT ARE THE CONSTRUCTION COSTS PAID AND COMMITTED TO OCTOBER 31, 1971.

	AMOUNTS PAID	AMOUNTS COMMITTED
UNIT 1	\$185,000,000	\$ 35,000,000
UNIT 2	\$ 41,200,000	\$130,000,000

6. WHAT IS THE ESTIMATE OF AMOUNTS TO BE PAID AND TO BE COMMITTED AFTER OCTOBER 31, 1971 AND PRIOR TO JUNE 1, 1972.

	ESTIMATED PAYMENTS	ESTIMATED NEW COMMITMENTS
UNIT 1	\$ 24,400,000	\$ 8,900,000
UNIT 2	\$ 38,000,000	\$ 26,600,000





7. EXPLAIN THE USE IN YOUR ORIGINAL SUBMITTAL OF 1976 FUEL COSTS IN CALCULATING THE COST OF A SIX MONTHS DELAY IN THE UNITS.

1976 FUEL COSTS WERE NOT USED TO CALCULATE THE COST OF A SIX-MONTH DELAY. THEY WERE USED TO INDICATE THE COST OF ADDITIONAL OIL WHICH WOULD HAVE TO BE CONSUMED IF THE UNITS WERE NOT AVAILABLE IN 1976.

8. IF THE DIABLO CANYON UNITS ARE PUT INTO SERVICE ON SCHEDULE WHAT PLANTS WILL BE BACKED OFF AND PUT ON PEAKING SERVICE AND WHAT PLANTS WILL BE RETIRED.

AS SHOWN ON TABLE 1 ATTACHED TO PG AND E'S ORIGINAL STATEMENT DATED OCTOBER 18, 1974, PG AND E ESTIMATES THAT ITS AREA LOAD WILL BE INCREASING AT AN ANNUAL RATE OF OVER 800 MW AT THE TIME THE UNITS ARE SCHEDULED TO BE PUT INTO SERVICE. THUS, EXISTING SOURCES OF GENERATION AND THE NEW UNITS WILL ALL BE REQUIRED TO MAINTAIN ADEQUATE RESERVES, AND NO PLANTS WILL BE BACKED OFF OR RETIRED. IT IS ANTICIPATED, HOWEVER, THAT AFTER THE DIABLO UNITS ARE PUT INTO SERVICE, AT CERTAIN TIMES DURING

THE YEAR PG AND E WILL BE ABLE TO REDUCE GENERATION FROM FOSSIL-

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9. GIVE A BRIEF DESCRIPTION OF THE CONSTRUCTION WORK TO BE ACCOMPLISHED IN THE NEXT EIGHT MONTHS.

UNIT 1

IN GENERAL THE WORK TO BE PERFORMED OVER THE NEXT EIGHT MONTHS WILL OCCUR PRIMARILY INSIDE OF EXISTING STRUCTURES. THE STATUS OF CONSTRUCTION OF MAJOR COMPONENTS OF THE UNIT AND THEIR INTERNAL EQUIPMENT AS OF OCTOBER 31, 1971 AND JUNE 30, 1972 IS AS FOLLOWS\

\ COMPLETE

	10/31/71	6/30/72
A. TURBINE BUILDING	75	95
PIPING	10	50
MECHANICAL EQUIPMENT	70	95
TURBINE ERECTION	0	60
CONDENSER	40	95
CABLE TRAY AND CONDUIT	20	80
LIGHTING	10	85

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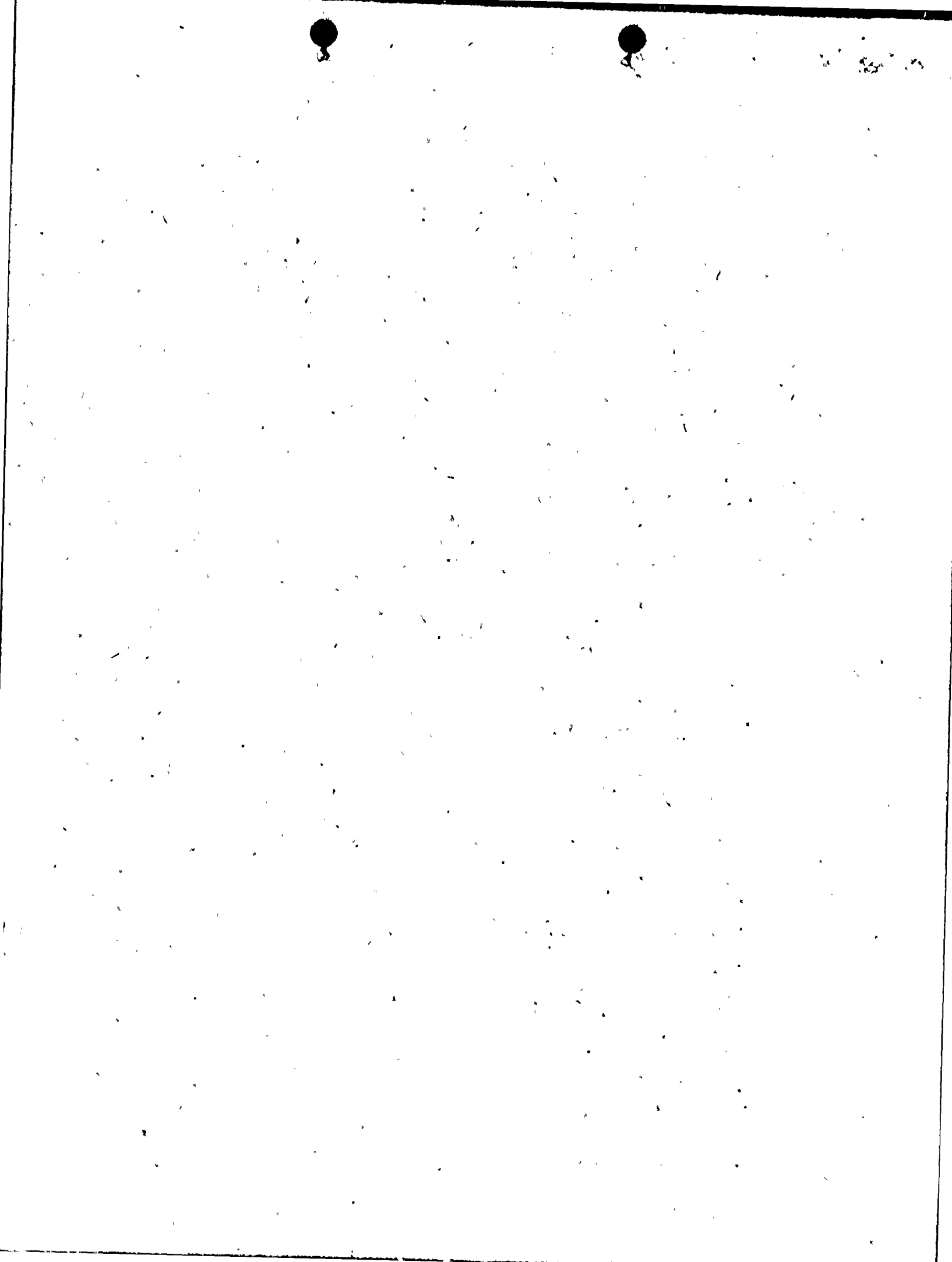
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B. AUXILIARY BUILDING	80	95
PIPING	0	30
MECHANICAL EQUIPMENT	60	85
ELECTRICAL EQUIPMENT	15	70
CABLE TRAY AND CONDUIT	30	85
LIGHTING	55	85
C. CONTAINMENT STRUCTURE	50	80
CONTAINMENT SPRAY PIPING	0	80
MOTOR CONTROL CENTERS	0	80
D. MISCELLANEOUS		
OUTDOOR TANKS	0	50
DISCHARGE STRUCTURE	60	95
INTAKE STRUCTURE	0	50

UNIT 2

A. TURBINE BUILDING	5	25
B. AUXILIARY BUILDING	80	95
CABLE TRAY	0	30



PIPING	0	30
MECHANICAL	60	85
C. CONTAINMENT STRUCTURE	7	40

RESPECTFULLY SUBMITTED,

PACIFIC GAS AND ELECTRIC COMPANY.

BY

JOHN F. BONNER

EXECUTIVE VICE PRESIDENT

FREDERICK T. SEARLS  
 JOHN C. MORRISSEY  
 PHILIP A. CRANE, JR.  
 ATTORNEYS FOR PACIFIC GAS  
 AND ELECTRIC COMPANY

BY

PHILIP A. CRANE, JR.

AUVAXEIVWS NS  
 DISREGARD

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SUBSCRIBED AND SWORN TO BEFORE ME  
THIS 4TH DAY OF NOVEMBER, 1971

THEODORA COOKE, NOTARY PUBLIC IN  
AND FOR THE CITY AND COUNTY OF  
SAN FRANCISCO, STATE OF CALIFORNIA

MY COMMISSION EXPIRES JANUARY 28, 1973

PAC GE CO DC

MR. CRANE SAID ITS OK TO DELIVER

PLEASE DISREGARD ABOVE TWO LINES, BUT MAKE THE FOLLOWING CORRECTIONS  
IN THE FOREGOING DOCUMENT\

PARAGRAPH 7, IN SECOND LINE OF ANSWER PORTION, YXX THE TENTH WORD  
SOUXX SHOULD READ "THE".

PARAGRAPH 8, IN SECOND LINE OF ANSWER PORTION DATE SHOULD READ\  
\CTOXXX OCTOBER 18, 1971.

ITEM 9-B, 6TH LINE SHOULD READ "LIGHTING".

TITLE IN PG AND E SIGNATURE LINE SHOULD READ "EXECUTIVE VICE PRESIDENT".

D

19

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